Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

DXpedition News

Marion Is - ZS8 Bad news and good news from South Africa: ZS6RM and ZS6BBY say the South African Minister of Environmental Affairs has turned down their request to operate from Marion (AF-21). The ministry cited the International Antarctic Treaty which discourages visitors to the area unless the trip is of a research or environmental nature. The ZS amateurs, who had hoped for an August, 1988 trip, encourage writing letters of support for their efforts to the Minister of Environmental Affairs, Private Bag X9039, Cape Town 8000, South Africa, with a copy to SARL, Box 2327, Johannesburg 2000. Marion Is. has moved up to 17th in The DX Bulletin's Most Wanted Countries Survey in recent years. (More Marion below.)

The good news about Marion is that George Collins VE3FXT is presently operating /ZS4, and he says he's going to Marion in February. Meanwhile, he is on 28495, 21240, and 14180 kHz, listening up. He moves on to Namibia ZS3 for the month of January. Marion permission is "not confirmed as yet, but quite sure it will be okay." QSL to George's home call, and don't forget why he is known as "Dollar-a-Card George."

Mozambique - C9 A station signing C9MKT has been on 20 meters SSB lately. Operator Ron asks for cards via SM5KDM, and says he will be on in his local evenings for another week. So far activity has been on lists at 14170 and 14155 kHz after 1900Z. He claims to have a valid license, after trying for 4 months. No Mozambique operation has been accepted by DXCC desk for more than 10 years. Let's hope this one flies!

Niue - ZK2 YL DXCC chasers should note the Feb. 21-26, 1988, operation by ZK2MB and ZK2JS from Niue (OC-40). 'MB is Mary Lou Brown NM7N, and 'JS is Jan Scheuerman WB2JCE/4. They'll be on 10-40M, mostly CW. Try 25 kHz up on CW, 7225, 14225, 21300, 28300 kHz SSB, and 21125 and 28125 Novice CW, listening up 2-5 kHz. QSL with SASE to 1988 Callbook home addresses.

Belize - V31 Art Phillips NN7A will operate from Belize Jan 3-7, on 80-10M CW, including the Novice subbands. No V3 call yet. QSL home call.

Yasme The Colvins were scheduled to move on from Mexico as of Nov. 30, but, as usual, no advance word on their next destination. Listen for a station ending in QL, probably from Africa.

Amsterdam Is. - FT-Z As expected Dany FT5ZB fired up at the end of November, for an eight-month stay. He has been worked on 7002 kHz at 1530Z. More details are in Issue 403. Sunrise 2340Z, sunset 1400Z.

Shortly Noted

- K8MN starts his two-year assignment in Guinea-Bissau J5 this month. He has been 'promised' permission to operate. Stay tuned.
- ZS21RSA is a special call through Dec. 6 for the 21st birthday of Radio RSA. Try 14180, 21300, and 28515 kHz. QSL SARL (address in column 1.)
- A22RB is often on 10 and 15 meter SSB. However, he doesn't work tailenders, and he has been known to QRT if the pileups get out of hand. QSL to KA3OYY. Also in Botswana, A22BW has been putting out a strong RTTY signal on 21089 kHz, around 1800Z.
- Dominico HV1CN is often active on 14265 kHz around 11-1200Z. He had a guest op Nov. 14 and 16th, but asks for QSLs direct.
- GB8SA was on Nov. 30 for Saint Andrews Day. Coming Dec. 14-Jan 11., 1988 is GB2LNM for the Loch Ness Monster.
- UA3CR/VE8 is the Russian half of the trans-polar ski trek communications team. He'll be operating from Frobisher Bay on Baffin Island (NA-47) through Dec. 15. QSL to Box 88, Moscow, of course.
- JI6KVR will operate from Amakusa Is. (AS-12) Dec. 5-6. Watch 15M SSB at 0700Z.

DXCC Golden Jubilee Times 2

Tom KJ4BK hit 200 countries in 1987 on Nov. 26. Ray K1YDG caught #200 on SSB on Nov. 23. Joe N6AHU hit 200 on Nov. 12. W3GH was at 205 on Oct. 26. and Lee W6OKX is at 220 in 1987. Any more 200+ in 1987?

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before			
December		Date	Flux	A K	Date	Flux	A	K
4	Above Nor	11/7	96	10/08 1	10/10	102	07/11	2
5	Above Nor	11/8	95	05/07 1	10/11	102	19/37	4
6	High Nor	11/9	92	13/13 3	10/12	103	09/10	2
7	High/Low	11/10	91	16/18 2	10/13	106	12/30	4
8	Low Normal	11/11	95	16/21 2	10/14	116	24/38	4
9	Low Normal	11/12	95	16/20 2	10/15	119	20/33	3
10	Low/Below	11/13	95	20/27 3	10/16	112	12/17	2
11	Low Normal	11/14	94	18/23 3	10/17	107	16/21	4
12	High Nor	11/15	96	10/14 2	10/18	107	07/08	1
13	High/Above	11/16	97	08/-- 1	10/19	101	05/09	3

Thanks N4XX and KH6BZF

Propagation Watch

After an excellent month, propagation dipped slightly at the end of November. Solar flux levels for CQWW CW were in the mid-90s, not enough to provide good 10 meter openings on higher latitude paths. However, absorption was very low for the weekend, as the Boulder A index dropped to only two on Sunday, and the K index hovered near zero all day. Even without high flux levels, the low absorption meant good long-haul and polar propagation, and good signals on the lower bands.

The next week or so will probably be the slowest week of December, on the bands. If we get a repeat of the propagation from the last solar revolution (something that doesn't always happen early in the sunspot cycle,) we can look forward to good band conditions Dec. 4-7, and again around mid-month. Solar flux should peak around Dec. 19.

The key to good DX propagation continues to be the absorption levels. When the A and K indices are low, expect great things from the bands, especially the higher ones. Low absorption helps signal strengths on 160 and 80 meters as well, and the seasonal decrease in noise levels also helps Low Banders.

International DX Convention

The 1988 International DX Convention will be held April 22-24, 1988 at the Grovenor Holiday Inn, in Visalia, California. Preregistration is $38, and includes the Saturday banquet and Sunday brunch. (The price is $44 after Feb. 28.) Send your check to Don Bostrom N6IC, 4447 Atol Ave., Sherman Oaks CA 91423. Make your own hotel reservations (right away!) via (209) 651-5000, and mention the convention.

The Southern California DX Club is the sponsor this year, and they are lining up an impressive program: ZL1AMO, VK9YY, SØRASD, XF4DX, FH4EC/G, VU4APR, and others are tentatively scheduled. The Visalia convention is the largest DX-only convention in the country, and always attracts many prominent DXers. Make your reservations right away.

South Georgia in 1988?

The CX2CS group that successfully operated from South Shetlands last year is ready to go to South Georgia Island early next year, if they can line up some form of transportation. Requests for help from various DX foundations has not produced needed assistance. If anyone has any leads on appropriate transport, please contact CX2CS.

Band Country Totals Wanted

What are your band country totals? For its semi-annual listing, The DX Bulletin wants your totals by the end of the year. Send breakdown by band of current DXCC countries only to Box 50, Fulton CA 95439. These should be confirmed contacts. We won't add WARC band totals this time. Send in your scores today.

QSL INFORMATION

QSL Information

- Manager for AH6GQ is WA9AEA, a corection from previous info. WA9AEA also handles cards for AH6GJ, EI8EK, VE8YG, and KH6RS (in 1988).
- Cards for Jim Neiger N6TJ's Egypt operations go to Terry N6CW. Jim operated SU1ER in the CQWW SSB test Oct. 24-25, and SU1MR Oct. 17-23. N6CW also handles cards from KP2A in CQWW SSB.
- Aruba cards for P40T go to KB2HX, a correction from previous info. P40A and P43A cards go to KA1XN.
- 8P9HR is via K4BAI, not K3KG.
- **Cayman Island** cards go as follows: ZF2KK/9 and ZF2KK to NU4Y; ZF2KT via N4KE; ZF2KQ via WA4DRU; ZF2LM via W4FDA; ZF2LO via WB4EYX; and ZF2JI to W4KA.
- Jim Smith VK9NS says that VKØML can be confirmed via his home call of VK5ABB after VKØML returns to Australia. Addr: M. Loveridge, 18 Yorktown Cres., Henley South, South Australia 5022, Australia.
- Active 160 meter station HK1AMW can no longer be confirmed via KC3EK, due to lack of logs. Try direct.
- ZK3PM is now confirming contacts via Box 7344, Wellinton, New Zealand.
- TU4CO, Box 54, Abidjan 12, collects stamps.
- John, active operator of club station YN3ACZ, will be in Nicaragua until Feb. QSL to Box 302, Managua, with IRCs and SAE, no Green Stamps, please.
- OD5NG on RTTY says he won't QSL until the bands are good again! [Maybe he isn't listening. -ed.]
- W8JBI is taking over QSL chores for 7P8DP and 7P8DN, replacing W8MPW.

QSL Help Offered

- KA2HH is via K3LTV.
- 9Y4BK is Kenneth Balfour, Box 632, Port of Spain, Trinidad.
- J28CI is via Box 1891, Djibouti.
- TA3B is Mustafa Tandogan, Box 839, Izimir 35214, Turkey.
- 9K2SH is via 9K2YA.
- FO8DI is via F6ESW.
- 6E1MV is via XE1MV.
- 9M8PW is via G4DXC.
- OK6OK is via OK1KSO
- 5K4LRM is via HK4LRM.

QSL Help Wanted

- CYØSAB, Nov. 20, 1985, for K7GEX. Three Green Stamps and cards to VE1ASJ and VE1CBK have produced nothing.
- T30RY and FKØCX for W6DTV (who has 99 confirmed!)

QSL Managers Offer Services

Three active statesdie DXers are willing to handle QSLs for DX stations or DXpeditions. If you know of anyone needing QSL help, contact KA1KPH (Box 17, Feeding Hills MA 01030), KC4NC (115 Brunswick Ave, Norfolk VA 23508), or WA7WOC (Box 1411, Carefree AZ 85377.)

QSLs Received

Direct: DL7FT/SV/A NY6M/NH4 FP8HL 7P8DP CEØFFD S83H C21XX BYØAA (finally!) OFØMA SU1ER VK9LB 3B8CF HBØ/HB9NL UZØQWA (7 mos) KX6DA PAØGAM/ST2 (2 mos) ZK3PM YI1BGD KC4AAA EA9KD.

Manager: KC6MF 3C1CW YN3EO VS6DO ZL7AA TR8SA FR5ES/J 1AØKM HG19HB 9X5NH 4U42UN XU1SS XX9KA VK9LB A22RB 9Q5NW ZD8HH ZK1XO OHØXX KA2HH 9L1GG.

QSL Addresses

- BY1CKJ Box 6206, Beijing, PRC
- BY4WNG Box 1827 Nanjing, PRC
- CEØFFD Henry Box 4, Easter Island, Chile
- CEØICD Sergio Cortes, Correo Isla Juan Fernandez, Chile
- CO2BB Box 6022, Habana, Cuba
- CT3BM Box 490, Funchal, Madeira Is., Portugal

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----				
HI7/ AA4KM	7085	0300	20	OH
HKØ/N3JT	14090	1700	24	CA
LU8DAX	14092	0030	23	CA
TI8ZBO	14087	2320	20	CA
ZL1AHA	21094	2350	22	CA
-----160 Meters-----				
C31LBB	1832	0210	21	CT
C6ANH	1840	0150	19	CT
CO2PY	1832	0515	21	CT
D44BC	1842	0417	23	CT
D44BC	1828	0400	24	CA
EA9IE	1836	0500	21	CT
GM3WTA	1832	0127	23	FL
KH6CC	1833	0531	21	CT
KX6DC	1833	1139	17	CT
KX6DC	1833	0525	18	MD
PAØHIP	1836	0129	23	FL
PT7BZ	1840	0414	23	CT
SV1NA	1837	0423	12	MD
T32AB	1832	1340	17	MT
TI2CC	1838	0156	18	MA
UR2RGN	1837	0423	12	MD
VK3IO	1834	1201	12	MD
VO2GD	1838	0205	18	CT
ZS5LB	1834	0304	14	MD
-----80 Meters-----				
3B8CF	3507	1456	23	CA
4X6PO	3501	0236	24	FL
5B4TI	3513	0130	28	FL
CN8FC	3506	2137	21	MA
D44BC	3507	0255	23	MA
FY/OH2MM	3503	0515	21	OH
HKØ/N3JT	3507	0228	23	MA
JA5RH *	3505	2142	21	MA
KC6CS	3503	1213	26	FL
OY1CT	3510	0407	22	FL
ST2/ PAØGAM	3501	0220	20	MA
TA4A	3501	0015	23	MA
UA9AL	3503	0304	22	MA
UWØLT *	3505	2125	22	MA
V31EJ	3505	0405	25	FL
VK6WJ	3503	1158	23	FL
VS6DO	3504	1215	24	FL
XF1C	3509	1220	18	AL
ZC4DX	3522	0316	28	FL
ZS5LB	3501	0317	19	CT
-----75 Meters-----				
3A2EE	3799	0507	18	PA
3A2EE	3794	0510	19	ME
9H1EU	3794	0500	19	ME
EA9IE	3792	0340	21	CT
-----40 Meters-----				
3B8CF	7005	1505	17	OR
3B8CF	7007	1430	21	CA
3B8CF	7007	0230	24	FL
3B8DB	7012	0227	17	GA
4K1F	7001	0515	21	OH
4K1F	7001	0448	22	ME
5B4OG	7004	0455	17	CA
7P8BZ	7002	0400	18	OH
8R1J	7009	1040	17	MA
8R1J	7011	1100	17	OR
9J2WS	7011	0400	17	CA
9X1MS	7010	0320	18	CT
BY4WNG	7001	1450	21	CA
D44BC	7004	0024	20	ME
D44BC	7005	0017	21	MT
FK8FS	7008	1135	17	OR
FP5HL	7008	0155	17	OH
FP5HL	7028	0030	18	MA
HC5/KQ2M	7004	0402	25	FL
HC5AI	7005	1124	27	FL
HH7PV	7057	0015	15	PA
HZ1HZ	7007	0418	17	MT
HZ1HZ	7005	0403	22	FL
HZ1HZ	7004	0333	27	FL
JD1/ 7J1ADX	7013	1141	27	FL
LU1ZA	7015	0335	17	CT
P43GR	7020	0235	17	CA
PYØFF	7014	0220	17	CA
RGØG	7008	0140	20	MA
ST2/ PAØGAM	7001	0048	20	ME
"	7001	0200	20	MT
T32AB	7001	2214	23	FL
TA4A	7002	0330	22	OH
UH8Y/ UH9BWD	7004	0105	19	MA
UO5ON	7010	0045	23	MA
VK9NL	7008	0046	23	FL
VK9NS	7018	1232	19	GA
VP5/ W6OSP	7003	1300	21	OH
VP8BNO	7002	0256	26	CA
VP8BNO	7010	2352	12	AL
VU2SV	7004	0305	20	OH
VU2TJW	7001	0100	18	MA
VU4ØTTC	7005	1208	27	FL
XF1C	7013	0140	19	MA
Z23JO	7013	1030	17	MA
ZS4/ VE3FXT	7016	0410	17	CA
-----30 Meters-----	7001	0119	23	MA
VP2MDY	10103	2345	18	CT
-----20 Meter CW-----				
4S7VJ	14020	1847	20	MT
4S7WP *	14002	0150	16	CA
4U1VIC	14029	1204	23	FL
5T5EV	14047	2444	25	FL
7X2FK	14024	2152	23	GA
9Q5NW	14030	0001	24	OR
BV2A	14025	0016	16	MT
BY9GA	14028	0100	14	ON
BY9GA	14020	0018	17	GA
Zone 23				
CEØZIG	14050	0032	28	FL
DU/N7ET	14036	2245	18	MA
J28EN	14006	2025	24	FL
LU1ZA	14017	0109	17	MT
LU1ZA	14016	0254	17	CT
ST2/ PAØGAM	14025	1940	20	MT
"	14025	1815	22	MA
T32AB	14002	2340	22	MN
T32AF	14009	0115	23	OH
UQ2GFE	14029	1325	22	OR
V21AU	14023	2219	24	CT
VP8BNO	14030	0045	20	FL
VS6BL	14023	2345	16	OR
VU4ØAJ	14017	1315	21	MA
YN3EO	14005	0055	12	OH
-----20 Meter SSB-----				
1Z9A	14226	1654	9	OR
3C1MB	14236	0035	6	CA
4S7EA *	14172	0130	20	CA
4S7NMR *	14188	0150	21	CA
4S7RO *	14196	0150	21	CA
5T5NU	14160	0002	6	CA
9L1SB	14194	2230	20	MT
9N1MM	14236	0055	19	CA
9Q5FF	14160	2056	20	MT
A92EM	14185	1440	21	CA
BY9GA	14182	0035	16	MD
C53FB	14180	1900	24	GA
C9MKT	14156	2048	25	CA
D68AM	14216	2107	20	MT
D68AM	14215	2155	20	CT
FH8CB	14165	0034	14	CA
HZ1AB	14167	1543	20	CA
HZ1AB *	14170	1622	20	CA
KC4AAA	14186	0226	16	CA
KC4AAA	14205	0145	20	CA
OY9JD	14226	1700	17	PA
S92LB	14182	2245	13	CA
TL8DN	14160	2300	20	CA
VE8CDX	14205	0030	20	MI
VP8QG	14210	0145	20	CA
VU2GI *	14200	0140	17	CA
YN3ACZ	14208	0055	24	CT
YN3JS	14123	0700	8	EU
Z21FO	14160	2054	20	MT
ZD7AF	14208	2310	20	CA
ZD7JD	14207	2236	20	MT
ZL7TZ	14199	0642	8	EU
-----15 Meter CW-----				
3B8CF	21028	1720	16	GA
4S7WP	21004	1527	11	MD
5H3RB	21030	1700	21	MA
9Q5NW	21032	2105	24	OR
BV2DA	21005	2240	22	OR
CEØFFD	21020	2230	19	GA
D44BC	21035	1184	22	OH
EA8AVW	21013	1637	22	FL
EA9KD	21024	1756	21	MT
FR4EA	21020	1754	22	MN
FR5AI	21016	1425	27	FL
FR5DD	21016	1740	20	MT
KH3/WY5L	21038	2215	22	OR
OY7ML	21016	1701	21	MN
TF3GCN	21027	1820	16	MA
TU4CO	21015	2050	14	OR
V31EA	21030	0008	28	FL
VP2MDY	21028	2050	21	OR
VP5/ K6ANP	21029	2255	27	FL
ZB2EO	21010	1721	15	MT
ZK1TB	21030	1800	22	CA
ZK1TB	21025	1920	23	GA
ZK1TB	21028	2210	24	FL
ZS4/ VE3FXT	21240	1644	20	CT
-----15 Meter SSB-----				
5B4TI	21291	1510	18	GA
5H3MO	21221	1814	22	MI
5N9/ KC7RD	21129	1723	18	PA
5V7WD	21308	1428	24	GA
5Z4DA	21320	2000	20	GA
7P8DN	21219	1645	20	PA
7P8DP	21307	1910	21	MN
9Q5DA	21232	1930	17	CA
9Q5DA	21245	1940	19	GA
9Q5DA	21273	1181	6	EU
A22FN	21260	2019	19	CA
A22RB	21265	2030	18	GA
AH2AN	21245	2205	18	GA
BY8AC	21242	0920	7	EU
CO7GC	21252	1448	22	CT
EA9IE	21225	1550	20	GA
FR5DL	21245	1740	18	CA
FR5EO	21250	1753	18	OR
FR5ZD	21240	1840	19	GA
H25JE	21318	1410	19	GA
HZ1AB	21300	1232	12	GA
HZ1AB	21239	1405	18	ON
HZ1AB	21279	1339	19	CT
J88AQ	21300	1751	21	MT
KH3/ KL7LF	21232	2055	21	MT
TJ1CH	21278	1726	19	CT
TR8RLA	21255	1845	19	GA
TZ6VV	21273	1709	19	CT
YN3ACZ	21223	1654	6	EU
ZD8RP	21210	0905	19	GA
Z21JE	21229	1840	17	ON
ZS3GB	21255	2030	12	GA
ZS3R	21205	1812	15	MT
A22FN	23317	2027	19	GA
-----12 Meter-----				
5T5CJ	24907	1743	15	MA
9J2WJ	24905	1321	22	MA
A35PP	24940	2037	20	MA
EA6SF	24960	1654	17	MA
V31IJ	24959	2235	14	MA
VK2EGC	24950	1921	19	MA
-----10 Meter CW-----				
5L7M	28020	1310	27	FL
9J2BO	28030	1412	27	FL
A22RB	28011	0740	8	EU
FO5FO	28023	1900	15	MI
FR4DN	28014	1445	15	AL
LU1ZA	28019	1600	21	CA
OY3H	28025	1450	25	FL
ST2/ PAØGAM	28025	1433	27	FL
TU4CR	28005	1505	7	EU
VS6DO	28017	0741	8	EU
ZL2GH	28019	1915	15	MI
ZS3BI	28020	1645	19	CT
-----10 Meter SSB-----				
3D6CA	28554	1608	22	ME
3XØHBR	28517	1803	11	CT
4T8A	28536	1610	8	EU
5N3BHF	28486	1337	8	EU
7P8DP	28540	1745	14	CA
9J2BO	28491	1550	22	MN
9Q5NW	28555	1811	11	CT
9V1WU	28490	0815	8	EU
A22EE	28415	1530	22	MI
BY5RA	28485	0735	7	EU
D44BC	28593	1751	15	MD
FH8CB	28540	0840	8	EU
FR4DX	28548	1522	15	MD
HKØHEU	28595	1555	10	MD
HKØHEU	28510	1500	24	GA
HKØHEU	28595	1615	8	EU
HV3SJ	28595	1524	15	MD
J28EO	28579	1305	10	EU
KH2F	28545	0751	8	EU
OX3KM	28499	1843	15	CT
TR8JLD	28585	1624	22	ME
TU2QQ	28544	1650	11	CT
VK9NS	28595	2244	15	MD
Z21GU	28538	1828	15	MD
Z21JE	28545	1701	22	ME
ZD7AF	28525	1708	12	MD
ZD8MB	28502	1825	17	CT
ZS6RM	28470	1540	22	MI

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

8 00498 88/10
A A LAUN K3ZO
5801 HUNTLAND ROAD
TEMPLE HILLS MD 20748

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The DX Bulletin

CALENDAR

Issue 415 - Dec. 4, 1987

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB Now	I403
	7002 at 1500Z	I415
Antarctica - ZL6	ZL6BA (VK7ZSJ) Dec.	I406
Auckland - ZL9	Feb. 88 by ZL1AMO	I402
Belize - V3	CW by NN7A Jan 3-7	I415
Botswana - A2	A22RB 10, 15 SSB	I415
	A22BW RTTY 21089 kHz	I415
Canary Is. - EA8	Finns to Dec. 6	I413
China - BY	BY4WNG 40, 75M	I412
Cocos-Keeling	VK9YV, YH Nov 25-Dec	I406
	VK9YE Dec. 8-15	I411
E. Malaysia - 9M6	9M6ZR Nov 25-Dec 8	I411
Falklands - VP8	VP8BNO 14025, 0200Z	I412
Grenada - J3	Feb-Mar by K4LTA	I406
Guinea-Bissau J5	by K8MN soon (?)	I415
Heard Is. - VKØ	VKØHI Now - May	I405
	14220 at 16-1800Z	I414
India - VU	3696-99 1400Z+	I414
Juan Fernandez	CEØICD 14236 2345Z	I412
Kampuchea - XU	XU1SS 14165 1200Z	I412
Maldives - 8Q	HB9DCO to Dec. 13	I413
Marion Is. - ZS8	by VE3FXT Feb. (?)	I415
Marshall Is. - KX	KX6DS 7002 at 0900Z	I408
	1833 kHz at 1000z	I410
Mauritius - 3B	3B8CF 7005 02, 13Z	I407
	1832 kHz at 0130Z	I409
Mayotte - FH	FH8CB 14160 2200Z	I413
Morocco - CN	CN8FC 7013 at 2200Z	I414
Mazambique - C9	Now thru Dec. 10	I415
Nepal - 9N	9N5YDY Dec. 21-29	I414
New Caledonia FK	TO8K- calls in Dec.	I412
Niue - ZK2	ZK2JS, MB Feb 21-26	I415
Niger - 5U	TU4BR/5U7 14160 21Z	I407
Sierra Leone 9L	9L1GG 14013 at 2200Z	I404
	21025-30 200Z+	I412
Singapore - 9V	9V1WZ 7088 11-12Z	I411
South Orkney LU/Z	LU1ZA 7007 01-0400Z	I405
Sri Lanka - 4S	by JA8RUZ Jan 1-8	I414
Sudan - ST	PAØGAM/ST2 14024 kHz	I401
	3501,3512, 40M 0200Z	I406
Tanzania - 5H	5H1HK Zanzibar AF-32	I414
Vatican - HV	HV1CN 14265 11-1200Z	I415
Zaire - 9Q	9Q5NW 14180 2000Z, also	
	9Q5YL. Try 21250 kHz	I399
Zimbabwe - Z2	Z24JS 21040 18Z Sun.	I408
Zone 2	**VE8CDX to Dec. 15**	I414
	UA3CR/VE8 on NA-47	I415
4U1ITU	by W1RR Nov.18-Dec.9	I411

DX Activities and Contests

Date	Event or Activity	Info
Dec. 4-6	ARRL 160 Meter Test	QST
Dec. 12-13	ARRL 10 Meter Test	QST
Dec. 31	TDXB Band Country total deadline	
1988		
Jan. 2-3	73 Mag 10M SSB Test	73
Jan 9,10	73 Mag 15, 20 M SSB	73
Jan 16-17	73 Mag 160M Test	73
Jan 23,24	73 Mag 40, 75 M SSB	73
Jan 29-31	CQWW 160M CW Test	CQ

Contributors

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